

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/13837

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B7/12 G11B5/54

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 986 057 A (SEIKO INSTR INC) 15 March 2000 (2000-03-15) paragraph '0041! - paragraph '0046!; figure 9	1-3, 10
X	US 2001/026422 A1 (NISHIMOTO HIDEKI) 4 October 2001 (2001-10-04) paragraph '0038! - paragraph '0068!	1-3, 10
X	EP 0 501 477 A (SHARP KK) 2 September 1992 (1992-09-02) column 26 - column 37	1-3, 10
X	US 5 508 857 A (HORITA MASAMI) 16 April 1996 (1996-04-16) column 5, line 9 - column 6, line 20	1-3, 10
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

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- \*O\* document referring to an oral disclosure, use, exhibition or other means
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- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the International search

27 April 2004

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13/05/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 07, 31 July 1996 (1996-07-31) & JP 8 077536 A (SONY CORP), 22 March 1996 (1996-03-22) abstract	1-4,10
Y	EP 1 113 430 A (MAXOPTIX CORP) 4 July 2001 (2001-07-04)	1-4,10
A	paragraph '0056! - paragraph '0062!; figure 9	1-10
A	US 5 644 554 A (KASAI MASUO ET AL) 1 July 1997 (1997-07-01) column 4 - column 7	1-10
A	KIM ET AL.: "Effective Design and Performance of an Optical Flying Head for Near-Field Redording" JPN.J.APPL.PHYS., vol. 41, March 2002 (2002-03), pages 1884-1888, XP002278125 cited in the application the whole document	1-10

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Information on patent family members

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